



## Interest Of Y-12ers Is Growing In First Aid Program; New Method Of Artificial Respiration Adopted

**Training Department Expands Instruction  
Throughout Plant; Carbide Contest Set For  
August 23 Drawing Attention of Employees**

With the date of the annual Carbide First Aid Contest having been moved up from its usual mid-September time to Saturday, August 23, interest in first aid training throughout Y-12 is at a higher pitch than it has been for years. Instruction in the many phases of first aid is being expanded by the Training Department to become available to every Y-12er with the double ob-

jective of giving this valuable training to as many persons as possible in the plant and to form efficient teams to compete against other groups from the Oak Ridge and Paducah Carbide plants in the annual contest.

A new method of artificial respiration has been adopted for the training program for Y-12ers—the Holger-Nielson Method. It is reported as being much more efficient than the Schaefer Method, previously taught first aiders. Instruction in this method already is being given key personnel throughout the plant.

### "Back-Pressure Arm Lift"

Described as "the back-pressure, arm-lift method" the Holger-Nielson Method has been adopted by the Armed Forces, the American Red Cross, Federal Civil Defense Administration, Public Health Service, Bureau of Mines, Boy Scouts, Girl Scouts and other groups in which first aid is taught. A comparison of the Holger-Nielson Method with the Schaefer Method has shown that the former gives a patient more than one quart of air in each inhalation and exhalation cycle to only about a pint under the latter. The Holger-Nielson Method also is easier to administer and can be taught to most persons in about 10 minutes.

The standard technique of administering the back-pressure, arm lift method of artificial respiration, as now being taught to Y-12ers, follows:

1. Patient is placed in a prone position, face down, arms folded and hands placed one on the other. Face is turned to one side, the cheek being placed on one hand.

### Operator Faces Patient

2. The operator may kneel on either the right or left knee at the head of the patient, facing the patient. The knee is placed at the side of patient's head, close to the forearm with the opposite foot near the elbow. Hands of the operator are placed flat on the patient's back so that the heels of the hand lie just below a line running between the arm pits. With the tips of the operator's thumbs just touching, the fingers are spread outward and downward.

3. The operator rocks forward until the arms are approximately vertical and allows the weight of the upper part of the body to exert a slow and steady pressure downward on the hands. This forces the air out of the lungs.

### Arm Lift Expands Chest

4. The operator then releases the pressure, avoiding a final thrust, and begins to rock slowly backward. The operator then places hands on the patient's arms just above the elbows and draws the arms upward toward the operator. Just enough lift should be used to feel resistance and tension at the patient's shoulder. The operator then drops the patient's arms gently.

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## Bloodmobile Schedule For Oak Ridge Is Given

Many Y-12ers already have volunteered to contribute a pint of blood for members of the Armed Forces during the visit of the Red Cross Bloodmobile here next Tuesday and Wednesday, May 20 and 21. The Bloodmobile will be stationed at the Ridge Recreation Hall and will serve donors from 2 p. m. to 8 p. m. The time after 5 p. m. will be devoted mostly to Carbide employees whose working hours will not permit them to come to the Bloodmobile earlier.

### Listed By Civic Groups

Volunteer donors are being listed through civic organizations of the city in the same manner as on the two previous visits of the Bloodmobile last November and in March. A few days before the Bloodmobile comes to town the blood-donor committee for the Red Cross, headed by James E. Campbell, of K-25, will draw up a schedule for the donors.

The committee is seeking at least 450 volunteers to give blood on this visit of the Bloodmobile to Oak Ridge. The capacity of this Bloodmobile unit is around 300 pints, as it is smaller than the first unit that came here last November from Asheville, N. C. At that time Oak Ridge contributed 572 pints of blood. In March the present unit picked up 319 pints from a list of 430 listed volunteers. Some rejections and absentees are counted on in each visit.

### Here Every Other Month

Under the latest Red Cross schedule the Bloodmobile now visiting Oak Ridge will come here on the third Tuesdays of July, September and November this year. The unit is based in Knoxville.

### ATOMIC SHIPS PREDICTED

William Lawrence, writing in the New York Times, says Atomic Energy Commissioner Keith Glendon reports studies now are being made to develop nuclear power to propel surface ships. He made the statement at a nuclear symposium at the Brookhaven National Laboratory.

### SAFETY SCOREBOARD

Your Plant Has  
Operated

17 Days

Without A Lost Time  
Accident\*

Through May 11

## Dr. W. Nelson Stoops Advanced By Carbide

The appointment of Dr. W. Nelson Stoops to the position of Assistant Director of Research in Physical Chemistry, at South Charleston, W. Va., has been announced by Dr. G. A. Perkins, Vice-President, Carbide and Carbon Chemicals Company, a Division of Union Carbide and Carbon Corporation.



Dr. Stoops has been active in the Research and Development Department for the past 18 years. During that time, he has furthered the development of commercially important types of Vinylite resins, Vinyon N synthetic fiber, and chemicals used in making Carbide's newest synthetic fiber—dynel. Prominent among his recent projects are flourine-containing synthetic resins and shock-resistant plastics.

Dr. Stoops was born in West Liberty, W. Va. He was graduated Phi Beta Kappa, Magna Cum Laude, from Wooster College in Ohio and received his Ph.D. in physical chemistry from Princeton University. He is a member of the American Chemical Society, the American Association for the Advancement of Science, and the High Polymer Division of the American Physical Society.

Dr. Stoops' subject will be "Studies On The Penetration and Diffusion of Radiation." All Y-12 technical and scientific personnel interested in the subject are invited to attend.

## Bureau Of Standards Man Will Address Semiuar Meet

Dr. U. Fano, of the United States Bureau of Standards, Washington, D. C., will speak at the meeting of the Oak Ridge Physics Seminar this week. The meeting will be held at 4 o'clock Friday afternoon, May 16, in the East Lounge of the Ridge Recreation Hall.

Dr. Fano's subject will be "Studies On The Penetration and Diffusion of Radiation." All Y-12 technical and scientific personnel interested in the subject are invited to attend.

### GOOD IDEA DEPARTMENT

Guests at the Desert Inn Hotel, Hanford, Wash., have letters on security and warning against loose talk placed in their mail boxes. The letters are prepared jointly by the Atomic Energy Commission and General Electric security divisions, according to the Spokane, Wash., Spokesman-Review.



Y-12 Photos By Vince Moore

**Y-12ERS ARE SHOWN AT TOP BEGINNING TRAINING IN two phases of the Holger-Nielson method of artificial respiration. At left P. L. McCurry, Field Maintenance, is the operator; John Neeley, Administrative Normal, relief; and Jack Beams, Administrative Product, the patient. At right W. L. Fairbanks, Administrative Normal, is the operator; Joe Pryson, of the same department, relief; and Howard M. Smith, Field Maintenance, patient. In the lower picture C. W. McCollum, of the Training Department, second from left, kneeling, gives instruction to a group of first aid trainees. Others kneeling, from left, are F. J. Kilpatrick, Field Maintenance; Smith, Fairbanks, James McKinney, Administrative Normal; and Pryson. Standing are C. W. Cheney, also of Training; J. R. Coater, Administrative Product; D. G. Hoskins, Administrative Normal; Beams, Neeley and K. L. Nelson, Field Maintenance.**

## Social Security Tax Is Unchanged Until 1954; Y-12ers Urged To Check Status If In Doubt

Y-12ers need not worry about increased deductions in social security taxes this year—there will not be any change until 1954—but those who have not checked their social security status recently and who may be in doubt on it should not let any grass grow under their feet until they are fully acquainted with all the facts in the matter.

The social security card of every Y-12er represents his insurance policy with Uncle Sam. All Carbide employees here contribute one and one-half per cent of his pay (up to \$3,600 in a calendar year) with this amount being matched by the Company to pay the premium on the employees' federal old-age and survivors insurance. That social security card is one of the most valuable possessions of anyone covered by the law—as is the account to the credit to the beneficiary.

### Suggested Points To Check

Here are a few valuable suggestions to all Y-12ers for checking purposes:

1. If you have more than one social security number, you may lose wage credits unless you notify your social security office so that all your credits can be placed in one account.

2. If you lose or wear out your social security card, a duplicate

may be obtained with the same number on it by mailing the stub to the social security office. If the stub is lost and the number is forgotten the number may be ascertained from the Carbide payroll department or a duplicate card also may be obtained by filing a short application with the social security office.

3. Your name and number on the payroll should be the same as shown on the social security card. If these numbers are not the same, an immediate check should be made with the Carbide Payroll Department.

4. If you change the name you work under, because of marriage or otherwise, you should immediately communicate with the social security office and have the name changed on the social security card. This particularly applies to working wives.

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# The Bulletin

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## Dr. McVey Will Speak To Mineralogy Group

The Oak Ridge Mineralogy Society will hold its regular monthly meeting at 8 o'clock tonight, Wednesday, May 14, in Room 9, Oak Ridge Institute of Nuclear Studies Training Building on Administration Road, Oak Ridge. Dr. T. N. McVey, professor of ceramic technology at the University of Alabama and mineralogist for the United States Bureau of Mines, will speak.



Dr. T. N. McVey

Dr. McVey's topic will be "Feldspar and Related Minerals." He has a Ph.D. degree in ceramic engineering and is a fellow of the Mineralogy Society of America. He also is consultant for the Metallurgy Division of the Oak Ridge National Laboratory.

Preceding the regular meeting, the special class of the society in mineral identification will be held at the same location with G. A. Westerdahl, former Y-12er, in charge.

The society is planning a field trip to the Spruce Pines district on the week end of May 17. Details of the trip will be announced at the meeting tonight. Guides will conduct trips to places where interesting minerals can be found. All society members and the public are invited to make the trip.

## Social Security Tax Remains Unchanged

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All Y-12ers should bear in mind that not only themselves but their wife or husband and minor children may get monthly benefits from the employees' social security account if the beneficiary retires after becoming 65 years of age. In the event of death of the beneficiary at any age, dependent survivors may be eligible for a monthly income.

The social security office handling affairs of Y-12 employees is located at 509-511 West Church Ave., Knoxville. This office will gladly answer any questions about social security and furnish free booklets explaining all the main points as to potential payments after retirement, payment to survivors and other matters.



Two Y-12 employees were listed as parents of babies born recently at the Oak Ridge Hospital. John Anthony became father of a boy May 4. Stanley H. Cole became father of a boy May 6.

Middle-age is a reflective state where we recall how reckless we once were and how many narrow escapes we had.



SEVERAL Y-12ERS AND MEMBERS OF THEIR FAMILIES were prominent in staging "The Secret Garden," the last production of the season by the Oak Ridge Children's Theater. In the picture at left are, from left, Pamela Mascia, Jim Muir, of Y-12; Mrs. George Rothery, Thomas McCulloch, Ronnie Lavers, son of W. D. Lavers, former Y-12 Superintendent; and Joe Weir. The



Y-12 Photos By Vince Moore

picture at right shows, in front, Mrs. Clark E. Center, in charge of costuming; Mrs. Marshall Lockhart, wife of George Lockhart, of Y-12, director of the play; and in the rear are Fred Mannesmidt, of Y-12; Mrs. Ann R. Thomas, Ken Forrestal, Helen Herndon, daughter of Jesse M. Herndon, of Y-12; and Barbara Sonnen.



Y-12ers thought they were picking up that bellerin' baritone, Johnnie Ray, singing his famous "Cry" song on Saturday afternoon, May 3, at Churchill Downs, Louisville, Ky., but the mysterious sounds were explained when it was learned that Jay Holzknecht and Elmore Koons, of Field Maintenance, accompanied by their wives, Lonnie Holzknecht and Mavis Koons, the latter in General Administrative, were attending the Kentucky Derby. Jay and Elmore are believed to have done the crying for the group. Picking also rans, hey fellers?

General Maintenance also reports that Mary Alice Cox vacationed at her home in Norris last week to be with her husband, Bennie, who was home on leave from the Marines at Camp LeJeune, N. C. . . . Brice Burris plans to get in some fishing while vacationing this week in Knoxville. . . . Betty Simpson is welcomed back after a long illness. . . . Joan Peppers went to Chattanooga last week for a welcome visit with a lot of kinfolk at a family reunion. . . . The department extends hearty wishes for a speedy recovery to Ed Owings' wife, who has been ill. . . . The Cost Control Group of the department held its annual steak fry at the Fort Loudoun Lake picnic grounds a few nights back. . . . Speaking of fries—Glenna Smith and Sally Cornell held a fish fry at the latter's home recently and the loyal wives said the occasion was a complete success because their husbands had caught the fish themselves. . . . Russ Ralston went up to Paoli, Ind., for a vacation this week. . . . Millie Miller and several friends enjoyed the sights of the Smokies around Gatlinburg Sunday. . . . Gosh, how those folks in the department like their vittuals. Pat and Tom Keener entertained with a spaghetti dinner at their home Monday night of last week with guests including the R. B. Davises, M. C. Weists, R. E. Ralstons and the A. L. Fishers.

Administrative Product departmenters are congratulating H. S. Lane and his wife, Mary, on the recent birth of a 10-pound son, James Hardin Lane.

Congratulations are extended to L. H. Perry, of the Fire Department, who is the proud papa of a baby girl born May 4, at the East Tennessee Baptist Hospital in Knoxville, weighing five pounds.

The General Maintenance Offices welcome Callie Sharp to their roster. . . . Get-well wishes are extended to W. C. Moyers, who is on the sick list. . . . Geneva Carter

enjoyed a leisurely vacation around her home last week.

The Safety Department extends sympathy to J. F. Carpenter at the recent death of his brother in Virginia.

E. E. Oliver, of Electrical Maintenance, spent last week's vacation getting acquainted with his new baby daughter at home near Knoxville. . . . R. O. Wade, J. S. Orr, and S. T. Lee were also on last week's vacation list. . . . Get-well wishes are extended to C. E. Adkins. . . . W. R. Murphy is sporting a brand new DeSoto around town.

Research Engineering extends get-well wishes for Lloyd V. Wilson, who is a patient in the Oak Ridge Hospital.

Lucy Hawkins, of the Laundry Department, is enjoying a two-week vacation at her home in Lake City. . . . A speedy recovery is wished for J. B. Kendrick who is a patient in the Oak Ridge Hospital.

Lt. J. B. Atchley, of the Guard Department, is vacationing this week at home in Knoxville. . . . M. T. Barker, J. T. Fry, and B. L. Knuckles are all on vacation this week. . . . H. J. Gregory, C. McPeters and J. F. Bruce each have a two-week vacation.

The Security Department welcomes Martha Jo Potts to the roster.

Paul Brownlow, of Stores, is spending a two-week vacation at his home in Johnson City, Tenn., and he also plans to make a short visit to Cincinnati, Ohio. . . . B. A. Sheppard is spending this week's vacation at home in Jamestown. . . . The department welcomes Warren Bass to its roster.

The Tools Department welcomes J. R. Plyman to the roster.

L. H. Wilkerson, of Receiving and Shipping, is vacationing this week at home in Lenoir City. . . . The department wishes a speedy recovery for Ed Webber, who is in the Oak Ridge Hospital.

Property Sales extends get-well wishes to Bill Coggins, who is on the ailing list. . . . A welcome is extended to A. A. Gibbs, W. A. Hudson and H. L. Price, latest additions to the department.

Harold Ratjen, of the Superintendents Department, has returned from a pleasant week of vacation at home in Oak Ridge.

R. D. Thompson, of Plant Engineering, and his wife are vacationing in Kentucky this week. . . . Bob Morris is also on vacation this week. . . . Edna Fine and Louise Argo, of the General Maintenance Offices, spent a recent week end fishing on Douglas Lake.

The Analytical Laboratory ex-

## Interest Of Y-12ers In First Aid Grows

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ly. This complete the full cycle. The arm-lift expands the chest by pulling on the chest muscles and arching the back.

5. The cycle should be repeated 12 times per minute at a steady, uniform rate. The compression and expansion phases should occupy about equal time with a minimum period of time used in the release period.

The Training Department at present is stressing the new artificial respiration method and other first aid instruction to Y-12ers assigned to emergency squads who have not had previous first aid training. The Holger-Nelson instruction later will be given along with refresher courses for Y-12ers who have had first aid work in the past and the training eventually will be made available to everyone in the plant.

As organizational work for the first aid teams and classes progresses, Y-12ers will be scheduled for the instruction through Supervision.

tends get-well wishes to Bill Burns, Elizabeth Edmonds, and to Wallace Carden who is a patient in the Oak Ridge Hospital. . . . Shorty Rogers, Pratt Johnson and Malcolm Massey were on last week's vacation list. . . . Daisy Ward entertained the group she works with at a picnic at her home recently. . . . The department welcomes Jo Ann Baker to the roster. . . . The best of luck is wished for Isabelle Peck and Anna Carmack, who terminated recently; and for Lenora Rhodes, who terminated last week to make her home in Houston, Tex., where her husband has accepted a job.

Materials Chemistry welcomes E. F. Joseph to the roster. . . . B. Zemel has returned from a week of vacation in Florida.

Isotope Research extends get-well wishes to O. B. Rudolph who is recuperating at his home in Concord, after a stay in Fort Sanders Hospital in Knoxville.

Jim Barnett, of Superintendents; and Bruce Whitaker, of Manufacturing Offices; were comparing maps last Friday preparing to take off on vacations to Deep Dixie. Jim and family were headed for "South Oak Ridge" (Daytona Beach). Bruce was going to Ozark, Ala., to visit his folks and bring back his young son, who has been staying with his grandmother.

Don't you know that drinking will ruin your stomach?  
So what? I always keep my coat buttoned.

We wonder where the mothers learn all the things they tell their daughters not to do.



## NELSON - KENDRICK

The marriage of Miss Martha J. Kendrick, of the Y-12 Laundry; and John W. Nelson, of Transportation, on May 3, has been announced by parents of the bride. The wedding was performed at noon at the parsonage of the Kern Memorial Methodist Church, Oak Ridge, by the Rev. G. W. Elliott, pastor of the church.

The bride is the daughter of Mr. and Mrs. W. C. Kendrick, 257 North Purdue Ave., Oak Ridge. Nelson is the son of Mrs. L. C. Goins, of Lake City.

The ceremony was informal with only members of the immediate families of the principals attending. At her wedding the bride wore a navy dress with white accessories and a corsage of red rose buds.



The following Y-12 employees were patients last week at the Oak Ridge Hospital: Edward L. Stooksbury and Homer E. Green, Field Maintenance; Elizabeth S. Hawxhurst and Zoma Wanda Parrett, Analytical Laboratory; James R. Powers and Othel W. Breedlove, General Administrative; Lloyd V. Wilson, Research Engineering; Edd Webber, Receiving and Shipping; Roy C. Smith and John C. Daniels, Administrative Normal; Beulah W. Henderson, Janitors; Jennings B. Kendrick, Laundry; Eva E. Gilliland and Buford E. Reneau, Stores; and Robert W. Jenkins, Maintenance Shops.

## Rich Getting Richer—Poor Getting Poorer, 'Taint So

That old idea that the rich are getting richer and the poor are getting poorer does not seem to be based on fact, according to the Employer's Association of Chicago.

It points out that families with incomes of less than \$5,000 per year now receive almost 90 per cent of total wages and salaries earned in the United States. After taxes, the "take-home" share of the more than \$5,000-a-year group is only five and one-half per cent of the national income. On the other hand, the group earning less than \$5,000 per year receives 69.4 per cent of dividends and interest paid.

Use your head before your horn.



# Y-12 Bowling Loops To Hold Title Roll-Off On Thursday

The final timber toppling of the season for the championship teams in the four Y-12 plant leagues will be staged at 6 o'clock tomorrow night, Thursday night, May 15, at the Oak Terrace alleys. The last league roll-offs were staged last week to determine the titlists in the four leagues. The championship teams that will roll in the event Thursday night are the Bumpers of the B League, the Hurricanes of the C League, the Grocers of the D League and the Mezzanine Maulers of the E League.

The Hurricanes had the only easy road to a title, winning both halves of the season in their circuit. Three different teams won the three rounds in the B League and played in the loop roll-off. In the D League the Grocers won the first half and beat the Toppers in the roll-off after their opponents had to break a tie with the Vectors for the second round honors. In the E League the Mezzanine Maulers took second half honors and topped the Easy Aces, first half winners, for the title.

## Bumpers Take Title From Two Foes

Rolling consistently, the Bumpers edged out the Comets and Wolves for the season's title in the B League of plant bowlers last Thursday night. The Bumpers, last round winners, posted a 2863 handicap series against 2850 for the Comets and 2750 for the Wolves. The Comets had won the first round and the Wolves the second.

The Bumpers also had the best scratch series scores for the roll-off, registering 2455 to 2433 and 2370 for their opponents. The Bumpers accumulated their total with handicap games of 942, 971 and 950. The Comets had the best first and third games with 980 and 1005, but sagged in the middle with an 865. The Wolves posted games of 861, 933 and 953.

Roy Roberts, of the Comets, had the best individual scratch series of 553, his 249 last game overcoming a 130 in the second game and a 174 in the first. Ernie Cobble, of the Bumpers put together games of 158, 181, 192 for a 531. Smith, of the Comets, had 173, 167, 188—528; Weigelt, of the Wolves 163, 195, 168—526; and Green, of the Bumpers, 157, 200, 159—516; for the other 500 series of the night.

## Maulers Top Aces For Crown In E Loop

In the nip and tuck battle of the alleys last week, the Mezzanine Maulers won the championship of the E League by edging the Easy Aces, champions of the first half of the season. The Maulers finished on top in the final round. At the end of three games the Maulers and Aces found themselves tied for points and in a sudden death one game roll-off the Maulers came out in front.

## Grocers Grab Title In D League Race

There was no bargaining with the Grocers last week—as the Toppers team of the D League of plant keglers found out in the roll-off for the circuit's seasonal championship. The Grocers soundly walloped their opponents, which had won the second half of the season title, by winning three games and outscoring the losers by 203 pins in handicap scoring. The Grocers had won the first part of the schedule.

The Grocers scored their victory last week despite the fact that the Toppers had the edge in team handicaps, 171 to 148. The champions' scratch and handicap game scores were 873—1021, 853—1001 and 835—983 for a total of 3005. The Toppers' tally was 761—932, 748—919 and 780—951, totaling 2802.

Consistent bowling by Ward

## Rankin Is Captain Of Y-12 Net Team; Slate Opens May 21

Mozelle Rankin, one of the mainstays of the championship Y-12 women's tennis teams for several years, was elected captain of the 1952 team last Friday at a meeting of feminine netters. The team will begin preparations for its Oak Ridge City League opening on next Wednesday, May 21, against the Oak Ridge National Laboratory lobbies, with a practice session called for 5:30 o'clock tomorrow afternoon, Thursday, May 15.

At the meeting last week the Y-12 women netters drew for ladder positions, with positions being determined by challenge matches from lower ranked to higher ranked players. The original ladder standing as provided in the drawing placed Mary Freestone on top, followed by Margaret Blankenship, Dorothy Smith, Desma Hutcheson, Marian Self, Virginia Coleman, Darleane Hoffman, Mozelle Rankin, Elizabeth Patrick, Lovelle Thompson, Betty Lambert and Jeanne Rogers. Any other Y-12 women tennis players interested in playing and trying out for the plant team are invited to communicate with Miss Rankin, telephone 7195; or Miss Patrick, telephone 7174.

## Rippers Take Top Spot In Golf Loop As Turf Riders Fall

The Rippers forged to the front in the Y-12 Golf League last week by taking a pair of points from the Four 100s. The Turf Riders fell back by losing their first match of the season to the Shankers by the same margin. Other two-point wins were turned in by the Rebels over Bldg. 9212, Fat Boys over Rebels, Shankers over Turf Riders and Bldg. 9212 over the Four Woods. The Rough Riders took two from the Shankers and tied at one point each with the Eagles.

Hines, of the Shankers, shot a one under par 35 for low scratch score of the week. In handicap scoring Mitchell, Oliphant, Harrell and Tiller tied at 33. The Shankers had the best team scratch score with 155 and top handicap tally of 146.

League standing follows:

Team	W	L
Rippers	6	0
Turf Riders	6	2
Fat Boys	6	2
Grand Slammers	4	2
Rebels	4	2
Eagles	4	3
Shankers	4	4
Hooks	4	4
Rough Riders	3	5
Four 100s	3	6
Bldg. 9212	2	6
Four Woods	0	8

proved the backbone of the Grocers' attack. He put together games of 197, 188 and 198 for a neat 583 series. The top single game of the night was a 212 by Kinyon, which coupled with a 178 and 157 gave him 547. Then came Duckworth 144, 200, 146—490; Weigelt 160, 141, 188—489; and Galloway 160, 146, 146—452.

Webber led the Toppers with 172, 172, 153—497; and was followed by Scott 166, 167, 185; Hogg 143, 158, 155—456; McCoig 145, 160, 139—444; and Wallace 135, 151, 148—434.

**More Sports News  
On Page Four**

## Plant Loopers Vying For Posts In Two Circuits

**High Scores Feature  
Play In First Week  
By Battling Teams**

Battling for positions in the two leagues to be formed for plant softball players, the 15 teams now playing a round robin schedule will enter the final week of preliminary competition next Monday, May 19. At the end of that time the teams will be separated according to won and lost standings at the time and the two separate loops will get down to business for the rest of the summer.

### Grocers Tally 51 Runs

As was expected in the early part of the season, the plant softies broke out in a rash of hits and runs in their opening games last week. The Grocers were the most prolific batters, scoring 51 runs in two games. They trimmed the Rusty Nine by 27 to 14 and the Guards by 24 to 13. Two other teams tallied 24 runs each in single games, Engineering trouncing Health Physics by 24 to 21 and Uranium Control Junior Varsity topping the Short Circuits 24 to 3.

All kinds of play was exhibited during last week. The Hobslurps inaugurated the schedule with a great rally in closing innings to beat the Engineers by 16 to 5. In the second game the Grocers started out ponderously with 15 runs in the first inning in their 27 to 14 victory. The UCJVs had it easy in their first game with a 14 to 7 win from the All Thumbs. Sise, McPherson Star

Veteran Ed Sise's pitching and a pair of homers by McPherson downed the Bums by 11-2 for the 49ers. The Guards took the Short Circuits by 9-3 with Hammer pitching and hitting the boys in blue to the victory. One of the best games of the week was the 7-5 win of the Duds over the Sparks with Law and Holland in a mound duel, each allowing only five hits. Bldg. 9212 turned in a 17-8 win over Bldg. 9211 as Barker pitched six-hit ball. The Engineers broke into the won column with their wild triumph over Health Physics by 24-21. The winners made 11 errors and their two pitchers gave up the same number of bases on balls. Another wild scoring battle came when the Grocers nabbed their 24-13 win over the Guards in a five-inning affair.

The Rusty Nine stood off a Bums rally for a 9 to 8 triumph, although outfumbling their foes by eight to four. Going into the last inning the Rusty Nine had a 5 to 3 lead, but the Bums tallied five counters to forge ahead. The Rusty Nine lads clinched the thing with four in their half of the seventh. The Sparks bounced the All Thumbs for a 14 to 6 triumph as Holland pitched a four-hitter. Contrary to their name, the losers made no errors. The Sparks really flew when the UCJV shocked the Short Circuits by 24 to 3 through superior hitting and pitching.

The schedule for next week, results of games played last week and the won and lost record of teams through games of last Friday night follow:

### Duds Take Thriller

A real thriller turned up between the Duds and Bldg. 9212 Friday night with the former winning out in the last inning by 16 to 15. In other games that night Ed Sise again pitched well to give the 49ers a 10 to 3 win over Health Physics and the Hobslurps ran wild to trim Bldg. 9211 by 27 to 3.

At the end of play last Friday five teams were tied for the lead with two wins and no losses each. They were the Hobslurps, Grocers, UCJV, 49ers and Duds. In the one won and one lost bracket were the Engineers, Rusty Nine, Bldg. 9212, Sparks and Guards. The All Thumbs, Short Circuits, Bldg. 9211, Bums and Health Physics had not



**THERE WAS NO GOLD OR glory rewards for the fine string of 47 (count 'em) crappie caught by J. W. Rains, of Buildings and Grounds, and a group of fellow anglers recently, but look at the fun they had. The catch was made in the headwaters of Watts Bar Lake near Kingston. Weight of the fish ranged from one and one-quarter pounds to two pounds.**

won a game and had dropped two.

The schedule for next week and results of games played last week follow:

**Monday, May 19**—5:45, Hobslurps vs Health Physics. 7:15, Engineers vs Rusty Nine. 8:45, Bums vs Grocers.  
**Tuesday, May 20**—5:45, Bldg. 9211 vs Short Circuits. 7:15, Duds vs All Thumbs. 8:45, UCJV vs 49ers.  
**Wednesday, May 21**—5:45, Grocers vs Bldg. 9212. 7:15, Engineers vs Guards. 8:45, Rusty Nine vs Sparks.  
**Thursday, May 22**—5:45, 49ers vs Duds. 7:15, Health Physics vs Bldg. 9211. 8:45, Hobslurps vs Short Circuits.  
**Friday, May 23**—5:45, UCJV vs Bums. 7:15, Sparks vs Bldg. 9212. 8:45, All Thumbs vs Guards.

GAMES MAY 5 THROUGH MAY 9				
Team	R	H	E	
Engineers	220	01	5	7
Hobslurps	000	79	16	7

McAllister and Morris. Aven and Walker.

Rusty Nine ..... 0 47 30—14 7 9  
Grocers ..... 15 24 33—27 14 7  
Wiley and Schafer. Smith and True.

UCJV ..... 210 416 x—14 6 3  
All Thumbs ..... 000 140 2—7 9 7  
E. Hopper and Hopkins. Ted Higgins and Truitt.

49ers ..... 200 314 1—11 9 2  
Bums ..... 000 010 1—2 5 5  
Sise and McLendon. Cottrell and Dodson.

Guards ..... 210 033 x—9 10 0  
Short Circuits ..... 000 020 1—3 5 6  
Hammer and Edgemon. Whitehead and Braatz.

Duds ..... 102 112 x—7 5 5  
Sparks ..... 000 022 1—5 5 2  
Law and Carlton. Holland and Lanier.

Bldg. 9212 ..... \$21 126 0—17 10 6  
Bldg. 9211 ..... 400 310 0—8 6 7  
Barker and Shotts. Baer and Haggard.

Health Physics ..... 531 018 3—21 14 4  
Engineers ..... 313 608 3—24 17 11  
Ross and Gallimore. Byrd, McAllister and Morris.

Grocers ..... 448 80—24 12 6  
Guards ..... 181 30—13 15 3  
Hammer and Carver. Gregory and Duckworth.

Bums ..... 021 000 5—8 4 4  
Rusty Nine ..... 110 201 4—9 6 8  
Walton and Dotson. Smith and True.

All Thumbs ..... 000 230 1—6 4 0  
Sparks ..... 173 001 2—14 6 2  
Higgins and Truitt. Holland and Baker.

UCJV ..... 730 0 10 4 0—24 20 1  
Short Circuits ..... 000 2 1 0 0—3 6 4  
Hopper and Hopkins. Browning and Braatz.

## Red Birds Meet K-25, So. Bell Friday, Monday

**Knox-Ridge Schedule  
For Women Changed;  
Lonsdale Here Tuesday**

Because two teams dropped out of the women's division of the Knox-Ridge Softball League last week, a complete schedule revision for the feminine outfits has been drafted for the season. One of the immediate results of the change is that the double header originally scheduled for Friday night of this week between the men and women softballers of Y-12 and their old rivals from K-25 has gone by the boards.

Instead of playing the K-25 Bluebellies in Oak Ridge on Friday night, May 16, the Y-12 Robins will travel to Corryton to meet the Knox County lassies on that date. The Robins will meet the Gus Green Beauty Shop women from Lonsdale at Middletown Park next Tuesday night, May 20. The slate for the Red Birds is unchanged. They will play K-25 Friday night of this week and on next Monday night, May 19, will tackle Southern Bell, of Knoxville, on the Oak Ridge diamond.

The two teams that dropped from the women's circuit were Oak Ridge National Laboratory and Inskip, leaving six teams in the loop. In the men's league, Southern Bell replaced Vine Ave. Merchants, with the overall schedule remaining unchanged.

It is recommended that fans consult Knoxville Sunday papers for complete week to week schedules. **Robins Travel To Athens**

The Y-12 women softballers will journey down to Athens, Tenn., Saturday night, May 17, to meet the girls' team of that city. The Athens and Y-12 teams have built up quite a rivalry over the past few years.

The Canton men's team will invade Oak Ridge on Sunday night, May 18, to meet the Red Birds, with the game scheduled to start at 8:30 p. m. A preliminary game may be slated to round out the program.

Admission to the Canton game and also to the contest between the Red Birds and the Chattanooga Wreckers here on June 21 will be free as they are arranged on a home and home basis. Ducats for the exhibitions here on May 23 of the Peerless Mills team and on June 15 of the National Cash Register outfit from Dayton, Ohio, will be at the regular league rate of 25 cents.

## Ella Mae Koontz Hurls No-Hitter; Red Birds Beaten

Ella Mae Koontz, former star Knoxville woman softball pitcher, made her debut for the Y-12 Robins a brilliant one last Saturday night over the mountains at Canton, N. C. Miss Koontz hurled a no-hitter at the Carolina lassies as her mates pounded out a 5 to 1 victory. The lone Canton tally came on errors. The Robins got seven hits and bobbled twice. Canton errored three times.

The Y-12 Red Birds, however, dropped their battle to the home town Canton outfit by 8 to 7 in a see-saw battle. The Birds outthit their foes by 10 to 9, but misused twice while the home team played errorless ball. Bobby Loy and Stewart pitched for the Y-12ers, the latter being the loser.

**Remember—Only you can  
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## The Great A-Bomb Robbery

# Gold Meets David Greenglass; Rosenbergs Get Into Act

This is the eighth article of an 11-part series describing the inner workings of the fantastic spy-conspiracy by which Russia stole America's atomic bomb secrets.

By **BOB CONSIDINE**  
International News Service  
Staff Correspondent  
(World Copyright 1951 by INS)

The web in which Harry Gold had been enmeshed for 10 years led him in May, 1945, to a meeting in a restaurant at 42nd and Third Ave., New York City, with his superior in the ultra-secret Soviet spying ring, Vice Consul Anatoli Yakovlev.

Yakovlev, whom the moon-faced little Philadelphia chemist knew only as "John," briskly reviewed Gold's forthcoming trip to Santa Fe to obtain more information about the A-Bomb from Dr. Klaus Fuchs. The plan was as familiar to Gold as his own name.

Satisfied that all was understood, Yakovlev then told Gold that his mission to the Southwest could be two-fold. He must contact another member of the spy ring in Albuquerque.

For one of the few times in his life as a courier, Gold summoned gumption enough to object. He stated that he would see only Fuchs on the trip, and that it was dangerous to take on any additional task.

Yakovlev quietly put down his drink and his normally friendly face froze.

### "Ordered" To Meet Greenglass

"That is an order!" he hissed. The hurt dog look returned quickly to Gold's eyes, and he nodded.

Yakovlev reached into his pocket and handed Gold a slip of onion-skin paper on which was typed:

Greenglass  
209 North High St.  
Albuquerque, N. Mex.

### "I Come From Julius"

Recognition signal—"I come from Julius."

Then Yakovlev handed Gold an oddly cut portion of the top of a Jello box.

"Greenglass will have the matching part," he told Gold. He then gave Gold an envelope containing \$500, to give to Greenglass.

A short time after his meeting with Fuchs in Santa Fe, Gold took a bus to Albuquerque. He arrived at the North High St. address about 8:30 o'clock at night and was told that the Greenglasses were away and would return in the morning.

### Matched Box Top

He met the Greenglasses the following morning, and identified himself as "Dave from Pittsburgh," after he had matched his share of the Jello boxtop with the piece which Greenglass took from his wife's purse. From Greenglass, later that day, Gold received an envelope containing four handwritten pages and several sketches. He marked it "other" and wrote "Doctor" on the thicker envelope he had received from Fuchs, and turned both of them over to his superior two weeks later at a pre-arranged meeting place in Flushing, N. Y.

Gold had glanced only briefly at the material given to him by Greenglass, and he was a bit surprised when "John" evidenced tremendous pleasure as his own eyes glanced over the drawings. Gold had not been very impressed with Greenglass. He had an inherent contempt for any member of the conspiracy who accepted money.

### Greenglass Suggested Ring

What chiefly annoyed Gold about Greenglass, however, was that the army sergeant had the audacity to suggest that he, Greenglass, a machinist, would organize

a considerable spying cell at Los Alamos. Gold, an excruciatingly cautious man, was shocked to the point of bawling out Greenglass . . . and all this he imparted to his superior.

But Yakovlev was not listening, for Greenglass had turned over to him, by way of Gold, additional and needed drawings and specifications of the fantastically complicated "trigger" of the A-Bomb.

### Stroke Of Luck For Reds

The accidental assignment of Greenglass to Los Alamos in 1944 was a stroke of luck which the Russian spying ring regarded as almost as great as one of the clauses of the Quebec agreement, which enabled Dr. Fuchs to enter this country's atomic research program as a member of a team of British specialists without the embarrassment of a loyalty check.

The bulky, flabby-faced Greenglass had for many years been a protegee of Julius Rosenberg, beau and later husband of David's sister, Ethel. The growing David became completely under the domination of the two and, in his fumbling way, regarded both as geniuses. Before and after his marriage to Ethel in 1939 Julius often brought gifts to David when he called . . . once a fine chemistry set. Whatever the nature of the gift he generally brought along some Communist literature for David to read.

### Was Apprentice Machinist

David had no mind for the broader fields of education. He became an apprentice machinist and soon was drafted into the army, where he listed that as his trade. In time, Los Alamos needed hundreds of his classification, and his name popped up as one who would be sent.

He worked there for weeks without having the faintest notion of the potential fruit of his labors. Then late in November, 1944, his wife visited him, her expenses paid by the Rosenbergs. Julius was doing well as a civilian expert with the Army Signal Corps (from which he was to be fired the following year on charges that he was a Communist).

### Rosenberg "High Up"

Julius, David's wife said, was now "high up" in the transmis-



Bob Considine

# Y-12 Class B Softies To Hold First Drill Of Season Thursday

The opening practice session for the Y-12 Class B softball team that will compete in the Oak Ridge City League this summer has been called for 6 o'clock tomorrow night, May 15, by Manager Avery Kendig. Candidates for the squad have been urged to report for the drill at Middletown field No. 1, the city's main softball field, at this time. A practice game has been arranged with the Kaighen-Hughes team to pep up the occasion.

According to the Oak Ridge City Recreation Department the Class B League season will get under way on June 6. So far six teams, including Y-12, have indicated they would enter the circuit.

Manager Kendig points out that the Class B League will serve as an additional outlet for Y-12ers wishing to play softball this season. Players interested in trying out for the club and wishing more information may communicate with him at Bldg. 9201-3, telephone 7391.

## Attendance Record

MAJOR LEAGUE More Than 50 Employees Scheduled				
Dept.	Percentage Absent	5-4-52	4-27-52	
2060	1.0	1	14	
2018	1.3	2	1	
2077	1.6	3	2	
2003	1.7	4	5	
2091	2.1	5	8	
2739	2.2	6	12	
2619	2.3	7	9	
2142	2.6	8	3	
2790	2.7	9	6	
2617	3.2	10	7	
2015	3.7	11	10	
2014	3.9	12	13	
2001	4.3	13	4	
2618	4.4	14	11	

Group absentee percentage was 2.8 per cent, same as the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled				
Dept.	Percentage Absent	5-4-52	4-27-52	
2109	0.0	1	4	
2743	0.0	1	1	
2005	0.5	2	5	
2064	0.6	3	1	
2090	0.7	4	6	
2200	0.71	5	1	
2107	1.7	6	7	
2002	2.6	7	8	
2143	2.7	8	3	
2133	2.9	9	2	
2093	3.8	10	10	
2108	4.3	11	9	
2145	4.4	12	11	
2616	5.0	13	12	
2144	5.1	14	1	
2096	6.1	15	13	

Group absentee percentage was 2.9 per cent, 4 per cent lower than the preceding week.

The plant average for the week ending May 4, was 2.9 per cent, 4 per cent lower than the preceding week.

sion of secret information to Russia. He wanted David to know that he, David, was working on an atomic bomb, and he felt it David's duty to deliver to him at once any information he had picked up. After all, said Ruth Greenglass, Russia was our ally.

David thought it out for a night, then told Ruth what he knew and she memorized it. It wasn't much, but Julius was delighted with it when Ruth returned the information to New York. David had revealed the approximate number of persons working at Los Alamos and given a description of the physical layout of the buildings and plants.

### Sketch Of "Lens" Transmitted

In January, 1945, David was given a brief furlough. He hurried to New York and turned over to Rosenberg a crude but efficient sketch of the so-called "lens" of the bomb that was then slowly nearing completion. It was the "trigger" that would touch off the weapon.

Thus, six months before the test of the first A-Bomb at Alamogordo, the Russians learned the infinitely difficult secret of how it would be detonated.

(Next week: The Rosenbergs and Gold make mistakes)

## Rides Wanted And Offered

**Riders Wanted**—Chance for two Y-12ers to get vacation trip to Daytona Beach, Fla. Leave Oak Ridge Friday, May 23, return leave Daytona Beach, Sunday, June 1. Mary Margaret Norton, plant telephone 7604.

**Riders Wanted**—From North Hills, Knoxville, or Fountain City, straight day. J. E. Bennett, plant telephone 7421.

**Ride Wanted**—From Maryville during month of June, straight day. Lucille Fairchild, plant telephone 7470, Knoxville telephone 6-4848.

**Ride Wanted**—From Lake Shore Drive, Kingston, straight day. Josephine Gower, plant telephone 7389, home telephone Kingston 6139.

**Riders Wanted**—From Loudon or Lenoir City, straight day. C. W. Lunsford, plant telephone 7435, home telephone Loudon 2941.

**Riders Wanted**—From Atlantic Ave., via Broadway, Knoxville, straight day. E. A. Fritts, plant telephone 7793, home telephone 4-6579.

**Two Riders Wanted**—From South Knoxville, Chapman Highway via Solway Road, straight day. C. M. McCauley, plant telephone 7793.

**Ride Wanted**—From California and Arrowwood, Oak Ridge, straight day. Mary D'Antonio plant telephone 7477, home telephone 5-8785.

**Ride Wanted**—From Clinton, straight day. Etta Chastain, plant telephone 7484, home telephone Clinton 16.

**Riders Wanted**—From Knoxville, straight day. J. E. Bennett, plant telephone 7421.

## Y-12ers In Red Cross Urged To Attend Meeting Thursday

All Y-12ers of Oak Ridge who are interested in the efficient functioning of the Oak Ridge Chapter, American Red Cross, are urged to attend the annual membership meeting of the chapter at 7:30 o'clock tomorrow night, Thursday, May 15. The meeting will be held at the chapter house on the Turnpike. A board of directors and other officers will be elected.

George W. Flack, of Y-12, is chairman of the chapter. Other Y-12ers who have been active in the chapter during the past year include Paschal Hamrick, who was assistant fund campaign chairman in addition to being in charge of the Y-12 drive this year; and Lloyd Williams, publicity chairman.

Mrs. Mildred Hitch, of the Southeastern Area Office, American Red Cross, from Atlanta, Ga., will be guest speaker.

## Slow Pitchers Open Season Next Week

The Oak Ridge Slow Pitch Softball League will begin hostilities next Wednesday night at the Middletown Park with Manager Elmore Koons' Y-12 team scheduled to meet the Hospital outfit at 9 o'clock. A program of four games will be played each Wednesday night. The Y-12 slow pitchers will meet Oak Ridge National Laboratory in a practice game at 8 o'clock tonight, Wednesday, May 14, at Middletown.

## Isaac Newton's 'Thinking Found Gravitation Law

Someone once asked Sir Isaac Newton how he came to discover the law of gravitation, according to the magazine Horizons.

Newton pondered briefly. "By thinking about it all the time," he answered.

There is a tendency to look for a magic formula, a stroke of genius or a stroke of luck, to explain an outstanding achievement. The real truth is that it is steady concentration and plodding work that are behind worthwhile accomplishments of almost every kind.

# Easterday Champ Of Fishing Rodeo; Wins Three Firsts

E. R. Easterday, of Maintenance Shops, is the undisputed champion of the first Y-12 Fishing Rodeo. He came in with three first prize winners to hog all honors in the event. His top prizes came in the largemouth bass, walleye pike and striped bass classes, captured in two different forays to fishing holes of East Tennessee lakes. Douglas and Norris, of the Tennessee Valley Authority chain. The latter two were caught at Norris and the largemouth at Douglas.

Though 170 Y-12ers had bought tickets for participation in the fishing event for employees and members of their families, only 23 cards were turned in for prize consideration. The veteran anglers of Y-12 reported that fishing conditions were not too good during the April 25-May 5 period covered by the rodeo.

### Rodeo Idea Popular

However, the idea of the Fishing Rodeo proved popular with Y-12ers and the Recreation Office has announced that a similar event would be held, probably in the Autumn, if sufficient interest is shown by prospective entrants.

Prize winners in the event will receive merchandise. All winners are asked to come to the Recreation Office within the next few days to place orders for what they desire.

### Prizes Amount To \$87

The entire entry fees of \$87 will be distributed in the merchandising prizes.

Although the size of fish caught were not record-breaking, some nice ones fell victim to lures of the Y-12ers. The biggest fish was the three-pound, 14-ounce largemouth caught by Easterday. The smallest was a six-ounce bream landed after a battle by Evan Means, journalist-angler of the plant. A two-pound crappie caught by E. S. Pickard also was a nice take.

### List Of Prize Winners

Here is the list of prize winners and the amount of merchandise won:

**Smallmouth Bass**—H. M. Monday, two pounds, nine ounces, \$7. Nelson Tibbatts, one pound 14 ounces, 17 inches long, \$4. Elmer Greene, one pound, 14 ounces, 15 1/4 inches long, \$2.

**Largemouth Bass**—E. R. Easterday, three pounds, 14 ounces, \$7. H. L. Pace, two pounds, 9 1/2 ounces, \$4. C. L. Nelson, two pounds, \$2.

**Striped Bass**—E. R. Easterday, one pound, 3 1/2 ounces, \$7.

**Walleye Pike**—E. R. Easterday, three pounds, \$7. A. P. Hooker, two pounds, 10 ounces, \$4. A. F. Kendig, two pounds, one ounce, \$2.

**Sauger Pike**—E. K. Faust, one pound, 15 ounces, \$6. Elmer Greene, one pound, three ounces.

**Crappie**—E. S. Pickard, two pounds, \$7. M. P. Welch, one pound, 12 ounces, 15 inches, \$4. Katherine Miller, one pound, 12 ounces, 14 inches, \$2.

**Bream**—Evan W. Means, six ounces, \$5.

**Trout**—H. M. Burnett, one pound, five ounces, \$7. Ted Higgins, 12 ounces, \$4. T. V. Naggard, 11 ounces, \$2.

## Keglers End Season With Whitewash Win

The Y-12 varsity keglers wound up their Oak Ridge City League season on Monday night, May 4, like Sub Fleet in the Kentucky Derby—closing fast but unable to catch the winner. The Y-12ers whitewashed the General Electric pinmen for four points, scoring games of 821, 863, 862—2546; to 754, 823, 767—2344 for the opposition.

Len Hart had games of 201 and 200 with an opening 147 to lead the Y-12ers with a 548 series. Then came Roy Roberts 173, 185, 158—516; Jack Spears 177, 144, 179—500; Frank Gragg 169, 166, 154—489, and Ernie Cobble 155, 167, 171—493.